

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052919\
 Data File : BE099773.D
 Acq On : 29 May 2019 13:09
 Operator : JU/SJ
 Sample : PB120145BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120145BS

Quant Time: May 29 13:56:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1398	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	4515	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3003	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	8512	0.40	ng	0.00
27) Chrysene-d12	21.41	240	12892	0.40	ng	0.00
34) Perylene-d12	23.95	264	15427	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	1445	0.41	ng	0.00
5) Phenol-d6	6.97	99	1853	0.40	ng	0.00
8) Nitrobenzene-d5	8.96	82	1462	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	3738	0.48	ng	-0.01
14) 2,4,6-Tribromophenol	15.98	330	538	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4369	0.38	ng	0.00
25) Fluoranthene-d10	19.26	212	44491	0.38	ng	0.00
29) Terphenyl-d14	19.86	244	9458	0.41	ng	-0.01

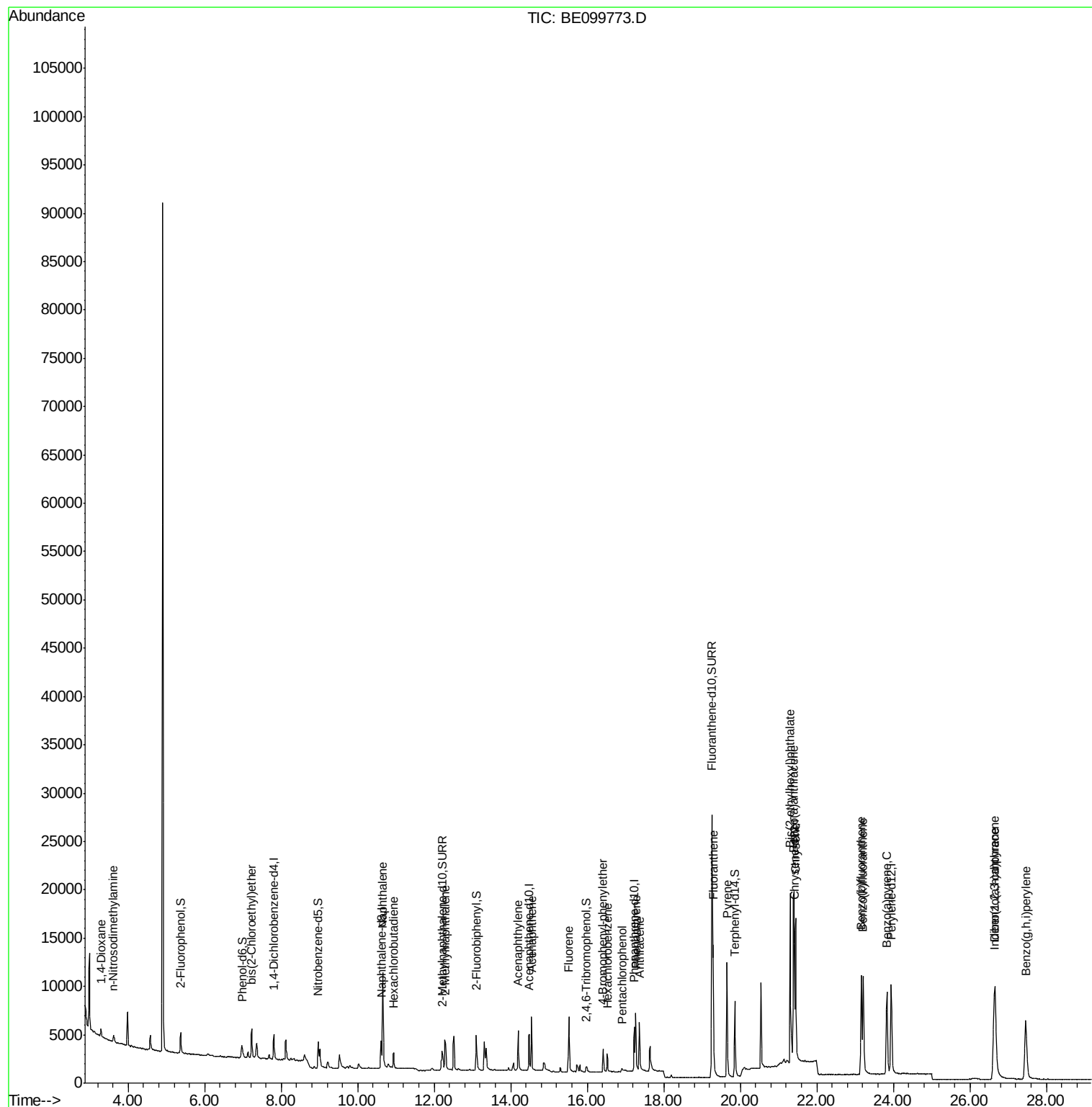
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	631	0.305	ng	# 50
3) n-Nitrosodimethylamine	3.61	42	531	0.465	ng	# 93
6) bis(2-Chloroethyl)ether	7.23	93	1459	0.351	ng	96
9) Naphthalene	10.65	128	18932	0.392	ng	100
10) Hexachlorobutadiene	10.94	225	1352	0.380	ng	99
12) 2-Methylnaphthalene	12.28	142	2941	0.374	ng	94
16) Acenaphthylene	14.20	152	5162	0.369	ng	100
17) Acenaphthene	14.54	154	2905	0.370	ng	97
18) Fluorene	15.52	166	4120	0.356	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1703	0.347	ng	# 80
21) Hexachlorobenzene	16.52	284	1844	0.367	ng	99
22) Pentachlorophenol	16.91	266	582	0.550	ng	94
23) Phenanthrene	17.27	178	7552	0.363	ng	100
24) Anthracene	17.36	178	6763	0.359	ng	99
26) Fluoranthene	19.29	202	12381	0.377	ng	100
28) Pyrene	19.65	202	12856	0.397	ng	99
30) Benzo(a)anthracene	21.39	228	16864	0.460	ng	99
31) Chrysene	21.45	228	15790	0.403	ng	97
32) Bis(2-ethylhexyl)phthalate	21.31	149	18544	0.439	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.63	276	20323	0.430	ng	# 93
35) Benzo(b)fluoranthene	23.16	252	16517	0.391	ng	99
36) Benzo(k)fluoranthene	23.21	252	17546	0.398	ng	99
37) Benzo(a)pyrene	23.83	252	16622	0.409	ng	99
38) Dibenzo(a,h)anthracene	26.66	278	16611	0.389	ng	98
39) Benzo(g,h,i)perylene	27.46	276	18052	0.418	ng	98

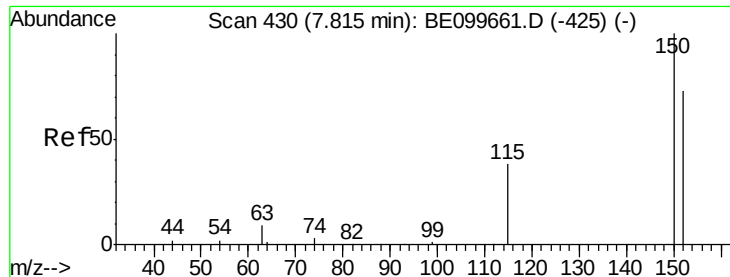
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

Instrument :

BNA_E

ClientSampleId :

PB120145BS

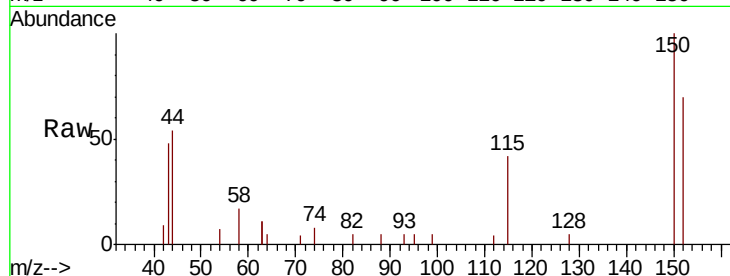
Tot Ion:152 Resp: 1398

Ion Ratio Lower Upper

152 100

150 143.5 109.2 163.8

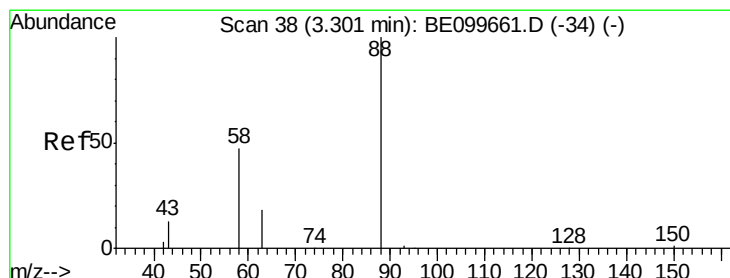
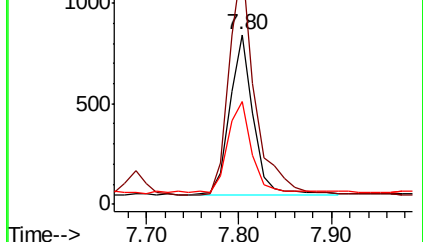
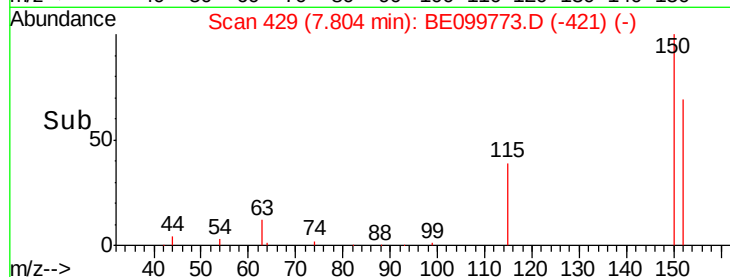
115 60.6 43.7 65.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.305 ng

RT: 3.29 min Scan# 37

Delta R.T. -0.01 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

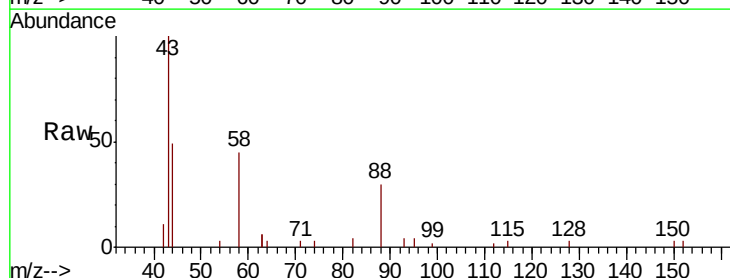
Tgt Ion: 88 Resp: 631

Ion Ratio Lower Upper

88 100

58 71.9 41.8 62.8#

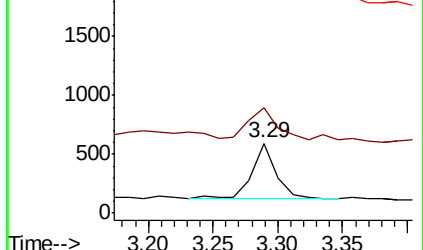
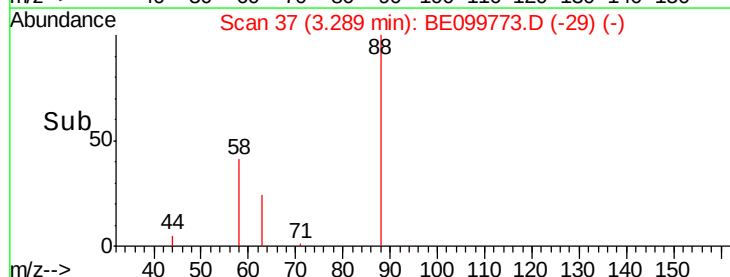
43 68.9 15.0 22.4#

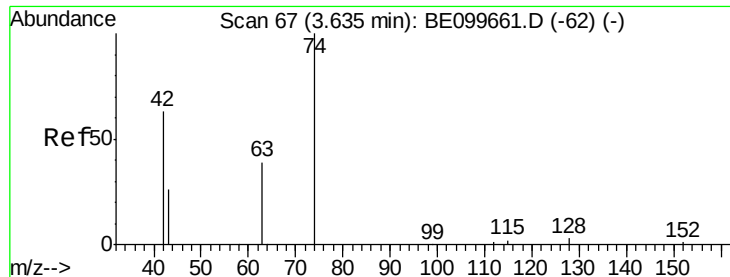


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.465 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.02 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

Instrument :

BNA_E

ClientSampleId :

PB120145BS

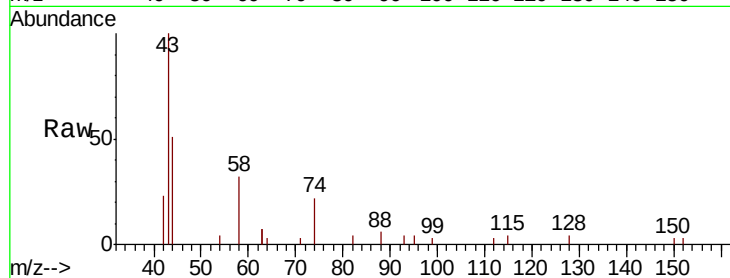
Tot Ion: 42 Resp: 531

Ion Ratio Lower Upper

42 100

74 152.7 129.2 193.8

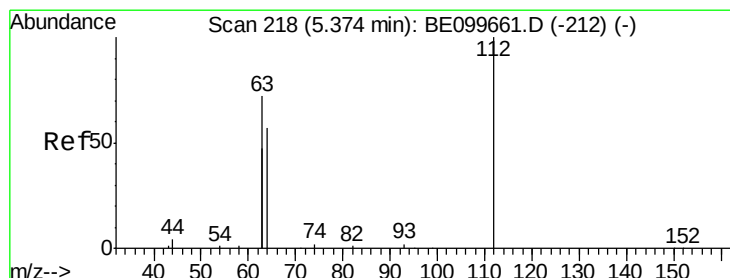
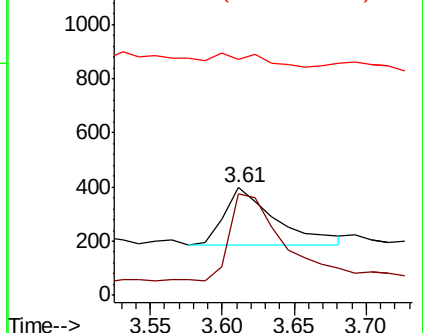
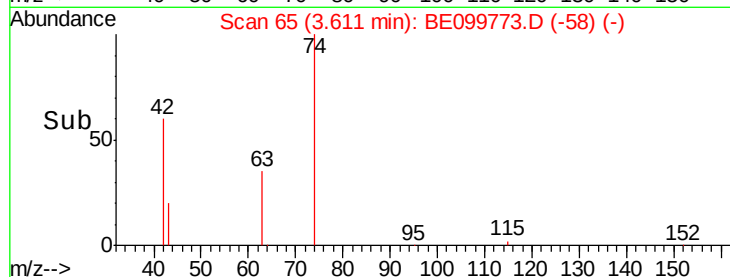
44 20.5 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.409 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

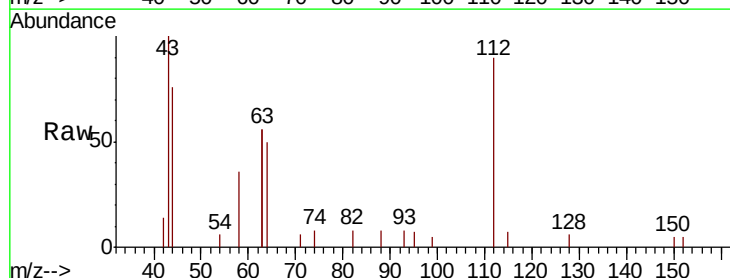
Tgt Ion: 112 Resp: 1445

Ion Ratio Lower Upper

112 100

64 55.7 43.4 65.2

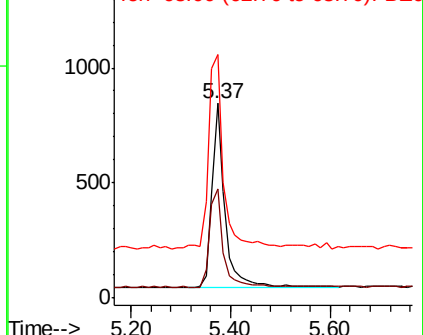
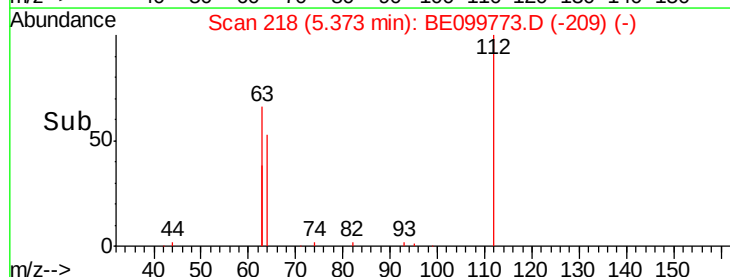
63 118.8 96.9 145.3

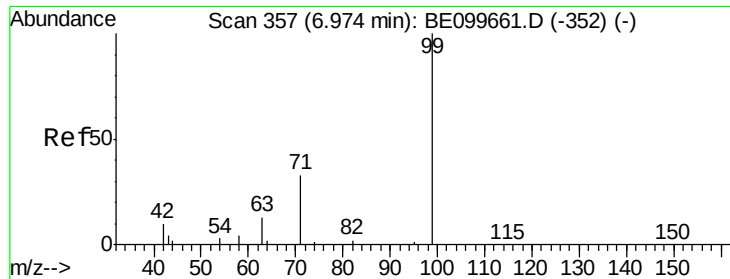


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.396 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

Instrument :

BNA_E

ClientSampleId :

PB120145BS

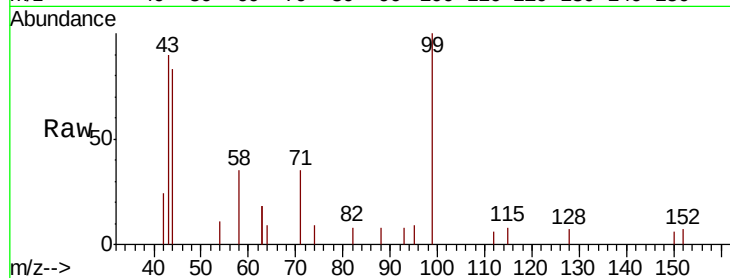
Tot Ion: 99 Resp: 1853

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

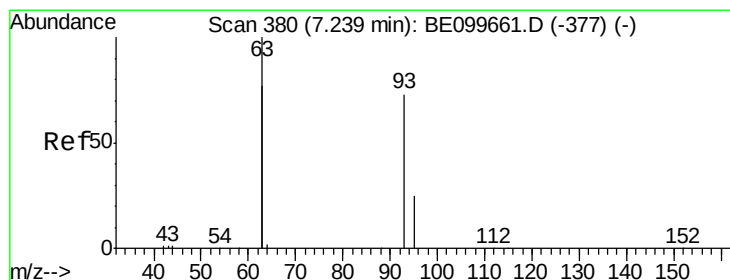
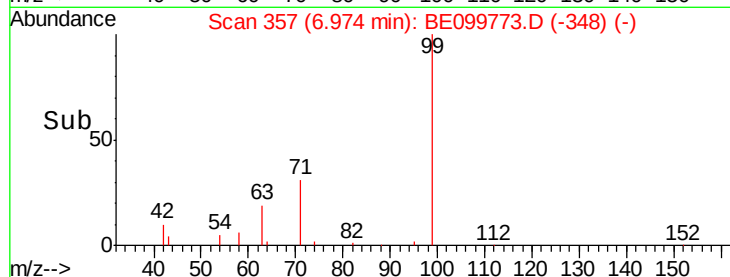
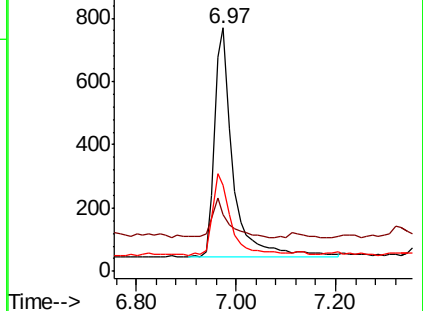
71 36.7 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.351 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

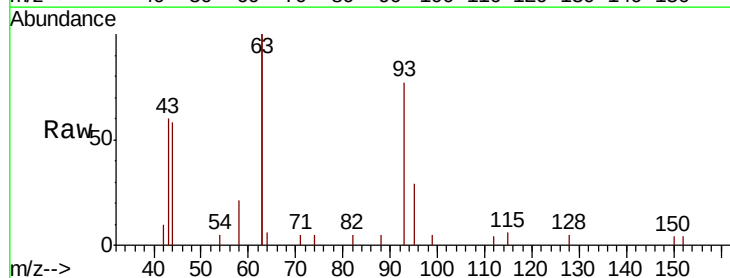
Tgt Ion: 93 Resp: 1459

Ion Ratio Lower Upper

93 100

63 267.3 207.8 311.6

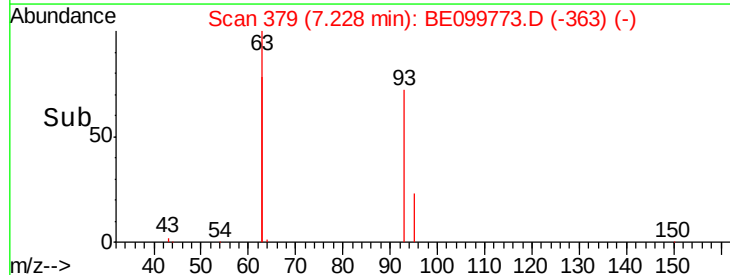
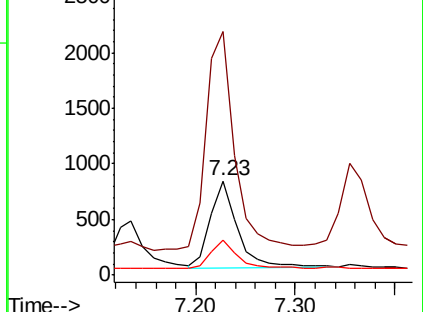
95 32.8 25.9 38.9

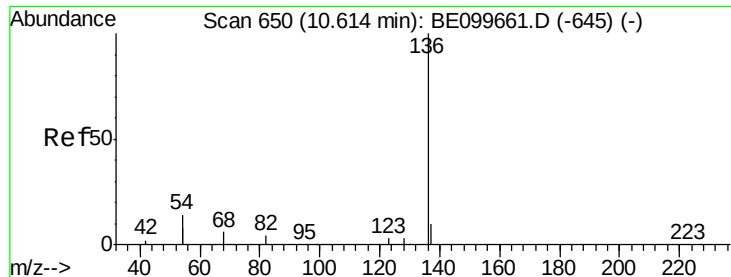


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

Instrument :

BNA_E

ClientSampleId :

PB120145BS

Tot Ion:136 Resp: 4515

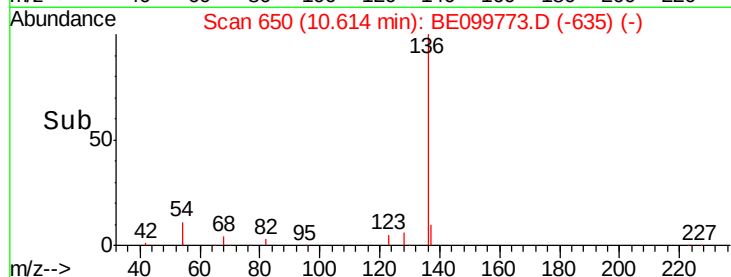
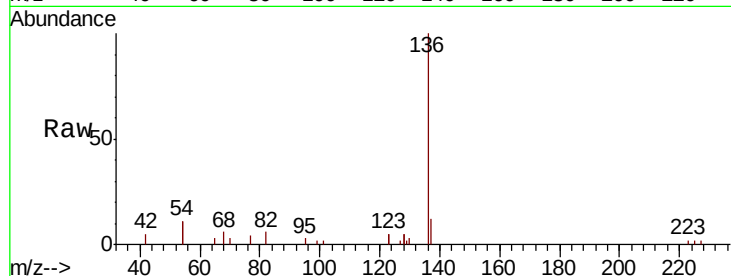
Ion Ratio Lower Upper

136 100

137 11.9 9.0 13.6

54 22.2 22.3 33.5#

68 6.1 6.0 9.0

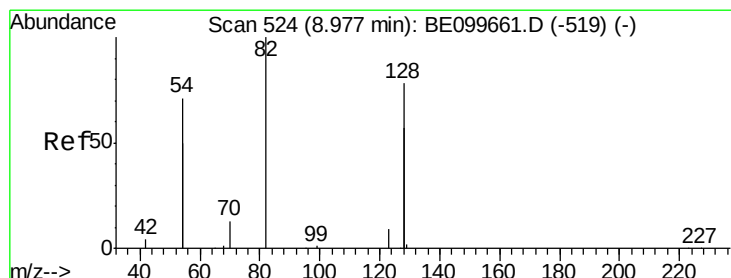
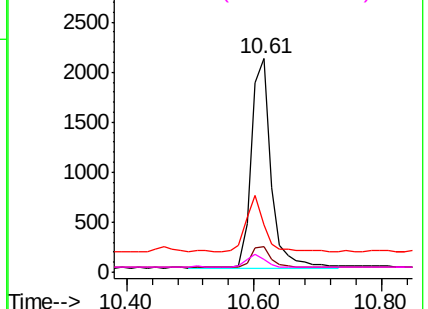


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.374 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

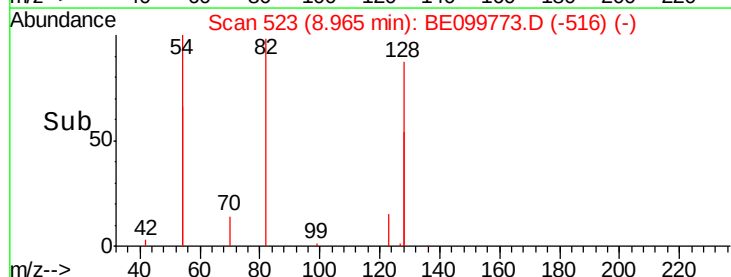
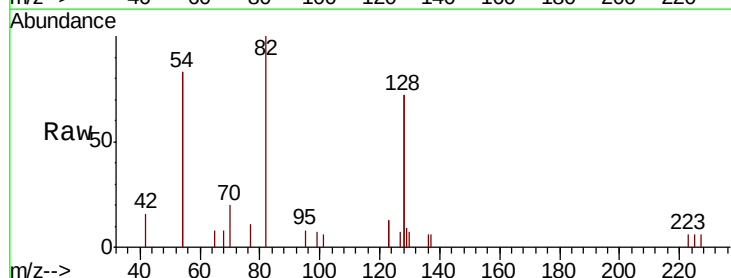
Tgt Ion: 82 Resp: 1462

Ion Ratio Lower Upper

82 100

128 144.6 117.7 176.5

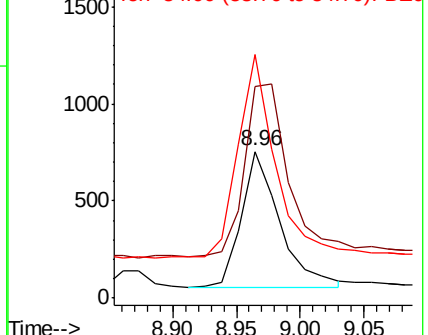
54 166.3 106.6 160.0#

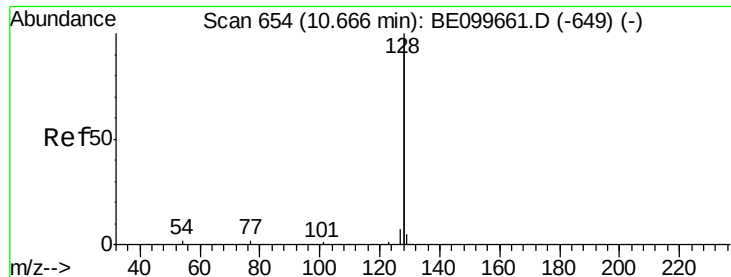


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.392 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

Instrument :

BNA_E

ClientSampleId :

PB120145BS

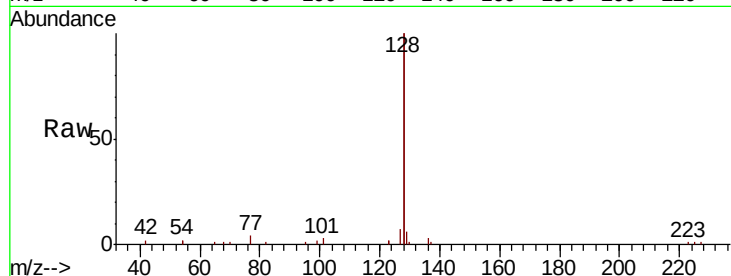
Tot Ion:128 Resp: 18932

Ion Ratio Lower Upper

128 100

129 3.2 2.4 3.6

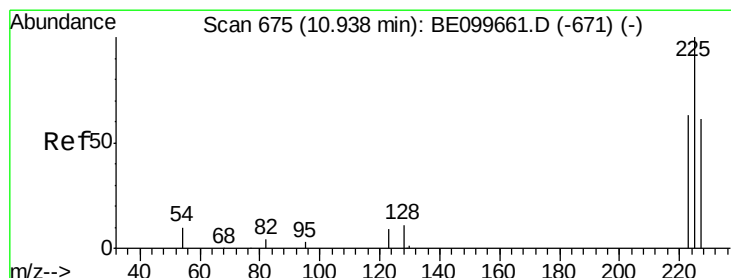
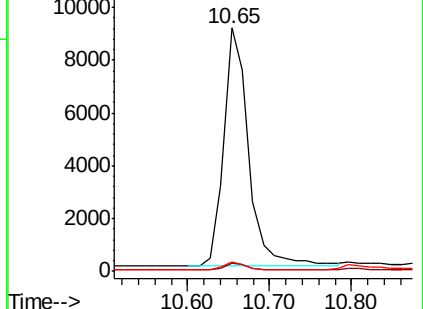
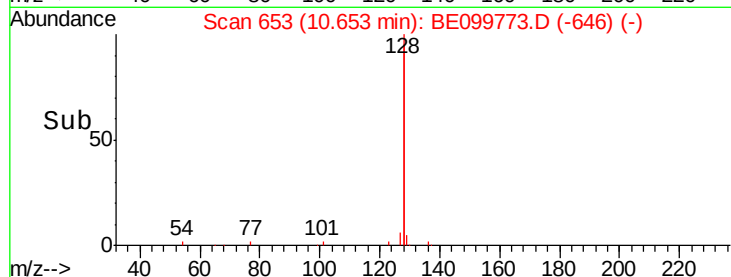
127 3.7 2.9 4.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.380 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

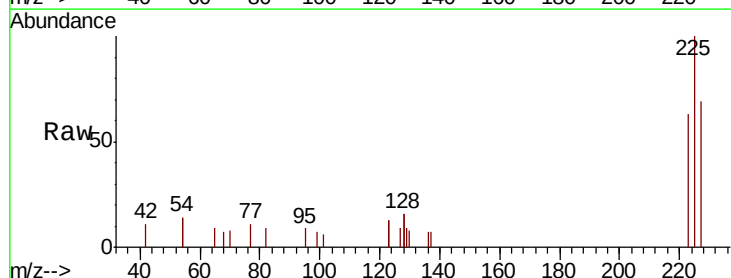
Tgt Ion:225 Resp: 1352

Ion Ratio Lower Upper

225 100

223 63.7 51.8 77.6

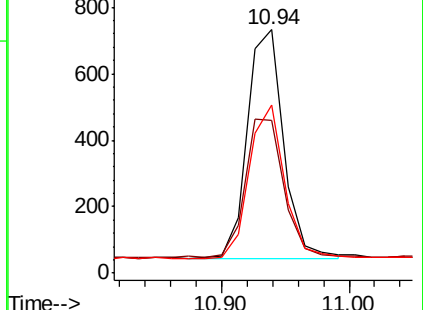
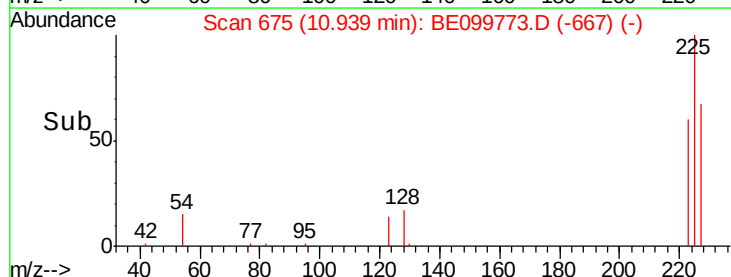
227 65.2 52.6 79.0

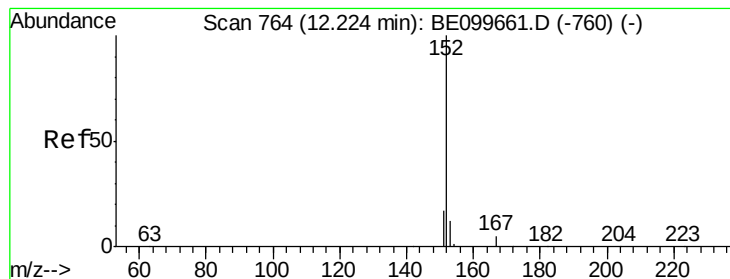


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.480 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

Instrument :

BNA_E

ClientSampleId :

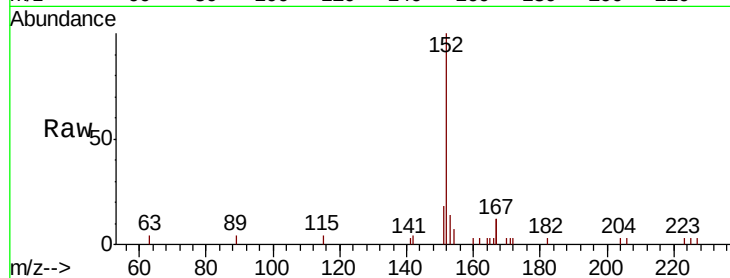
PB120145BS

Tot Ion:152 Resp: 3738

Ion Ratio Lower Upper

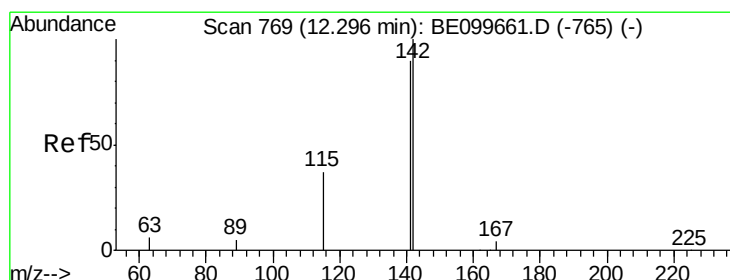
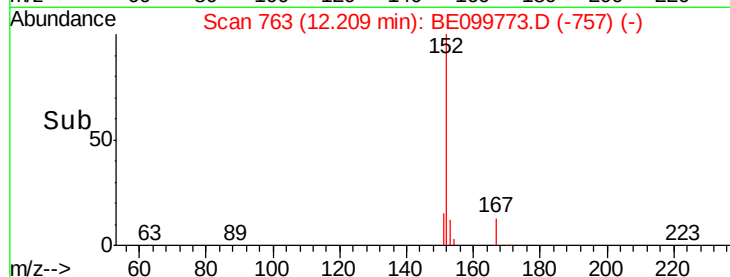
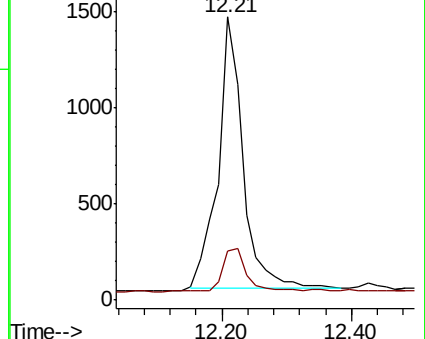
152 100

151 15.3 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.374 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

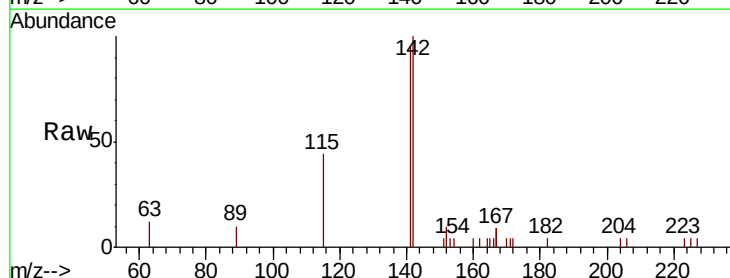
Tgt Ion:142 Resp: 2941

Ion Ratio Lower Upper

142 100

141 95.4 72.0 108.0

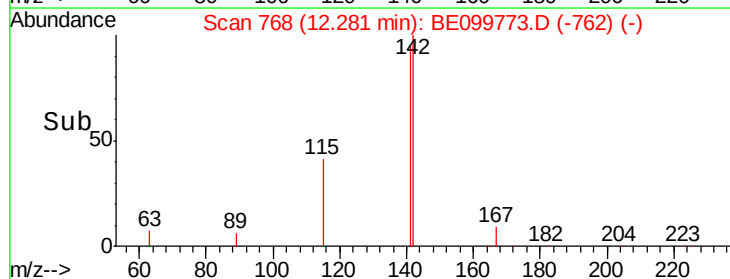
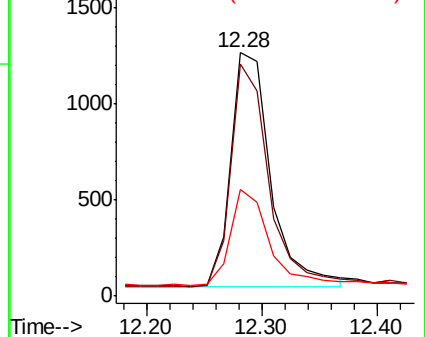
115 43.7 31.0 46.4

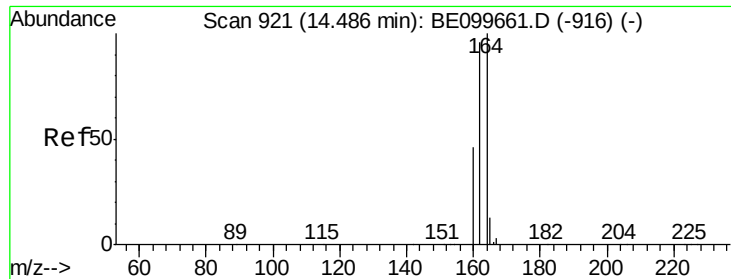


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

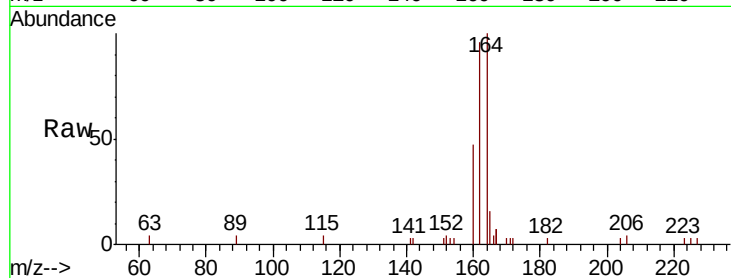




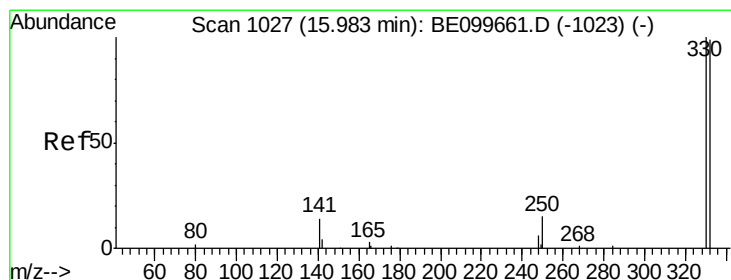
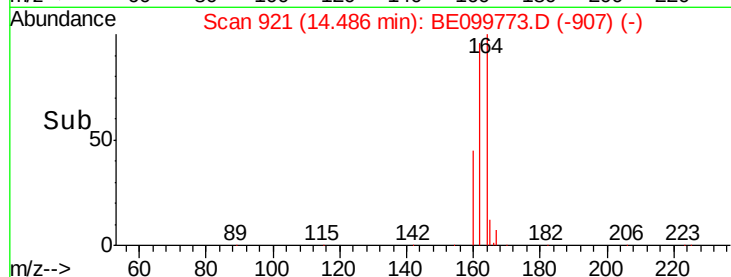
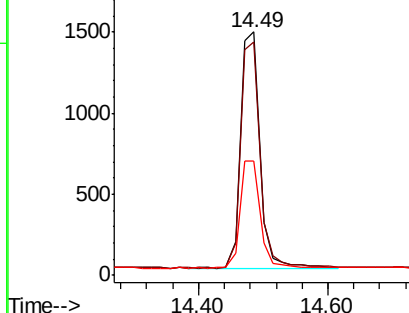
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BE099773.D
 Acq: 29 May 2019 13:09

Instrument :
 BNA_E
 ClientSampleId :
 PB120145BS

Tot Ion:164 Resp: 3003
 Ion Ratio Lower Upper
 164 100
 162 95.7 76.5 114.7
 160 46.8 37.4 56.2

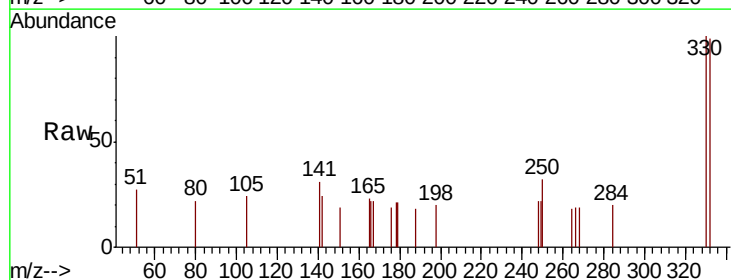


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

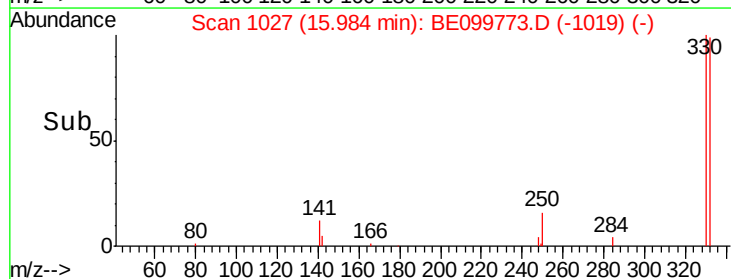
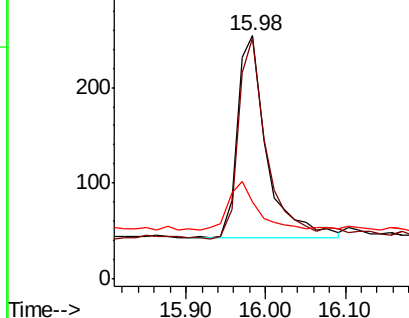


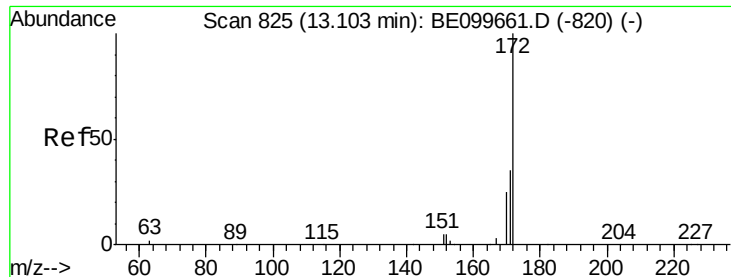
#14
 2,4,6-Tribromophenol
 Concen: 0.368 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099773.D
 Acq: 29 May 2019 13:09

Tgt Ion:330 Resp: 538
 Ion Ratio Lower Upper
 330 100
 332 102.8 77.3 115.9
 141 24.0 18.9 28.3



Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

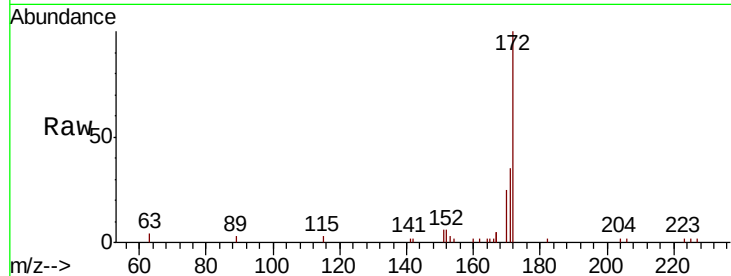




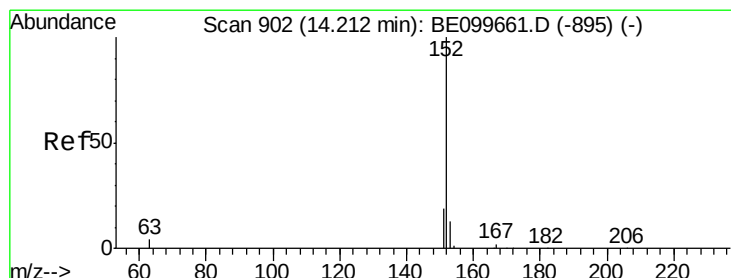
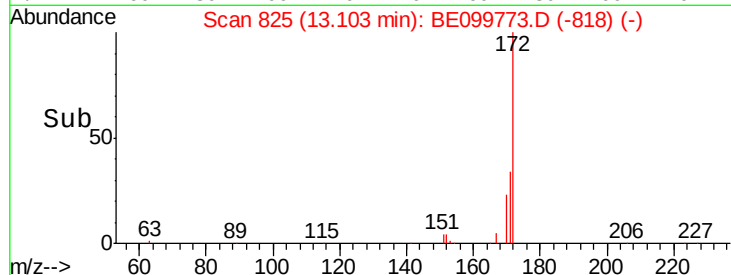
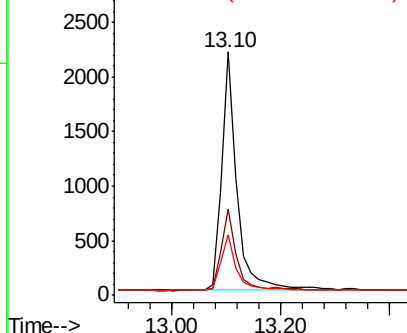
#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

Instrument :
BNA_E
ClientSampleId :
PB120145BS

Tot Ion:172 Resp: 4369
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 24.6 20.9 31.3

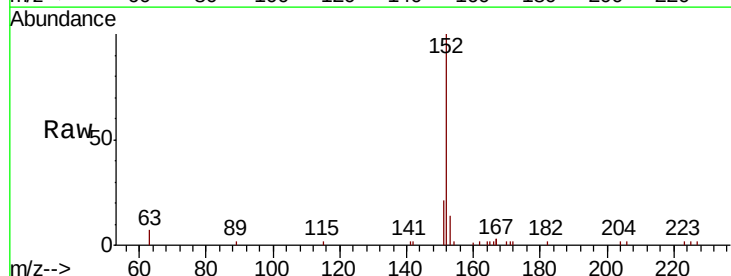


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

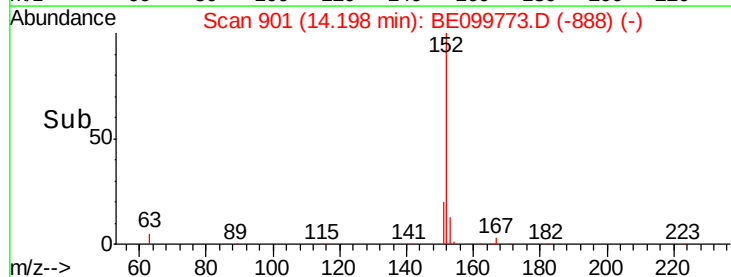
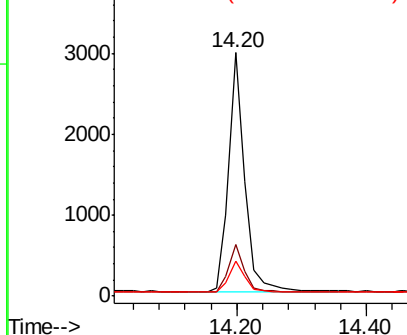


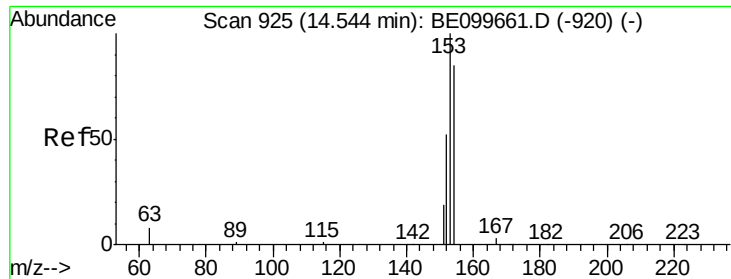
#16
Acenaphthylene
Concen: 0.369 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

Tgt Ion:152 Resp: 5162
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.5 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

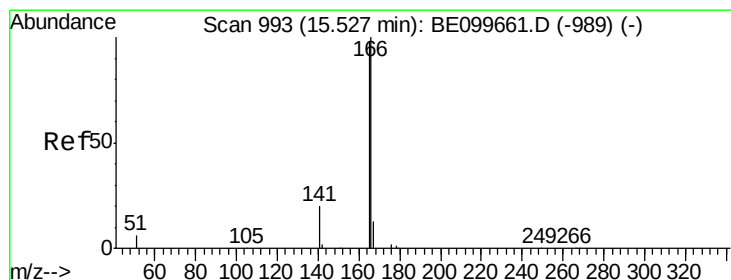
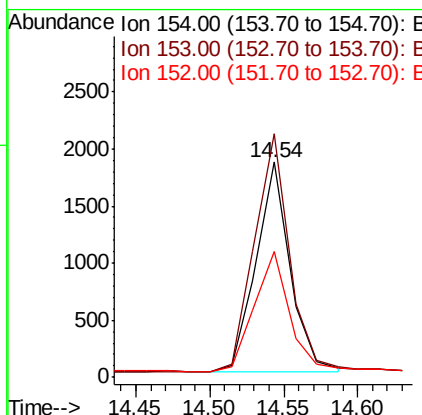
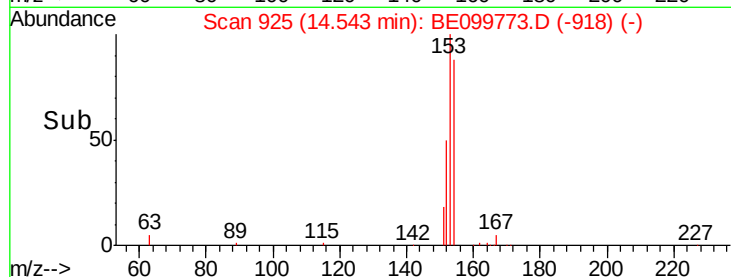
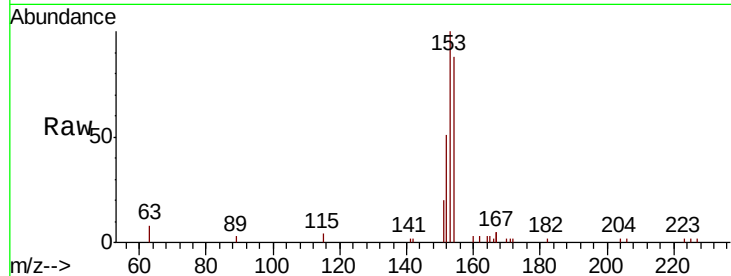




#17
Acenaphthene
Concen: 0.370 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

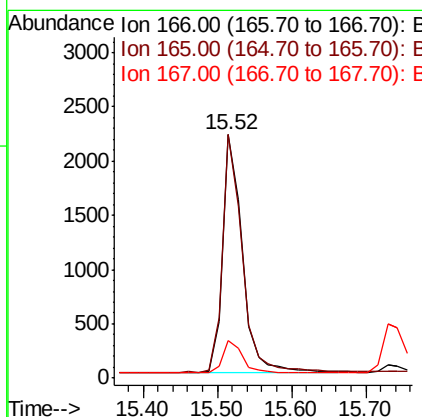
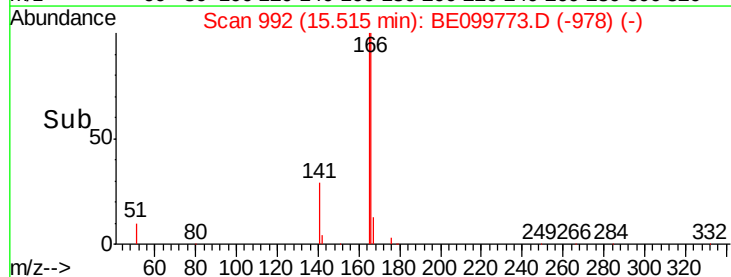
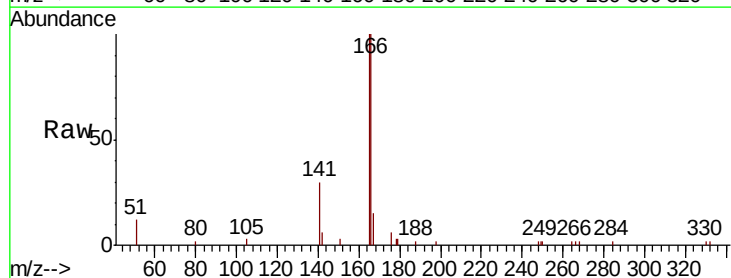
Instrument :
BNA_E
ClientSampleId :
PB120145BS

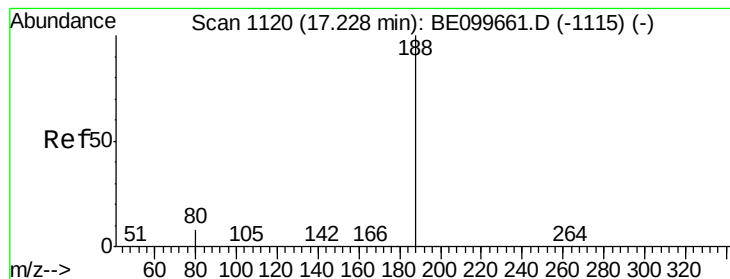
Tot Ion:154 Resp: 2905
Ion Ratio Lower Upper
154 100
153 117.7 91.8 137.6
152 59.2 46.0 69.0



#18
Fluorene
Concen: 0.356 ng
RT: 15.52 min Scan# 992
Delta R.T. -0.01 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

Tgt Ion:166 Resp: 4120
Ion Ratio Lower Upper
166 100
165 99.2 80.3 120.5
167 13.9 10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

Instrument :

BNA_E

ClientSampleId :

PB120145BS

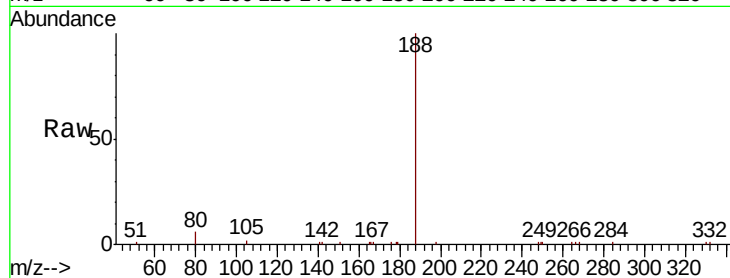
Tot Ion:188 Resp: 8512

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

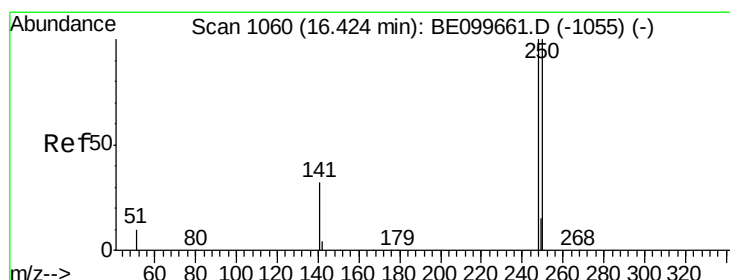
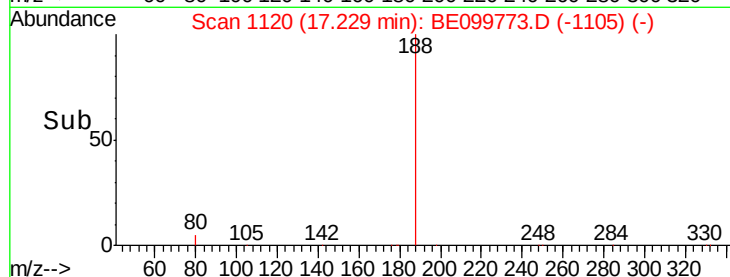
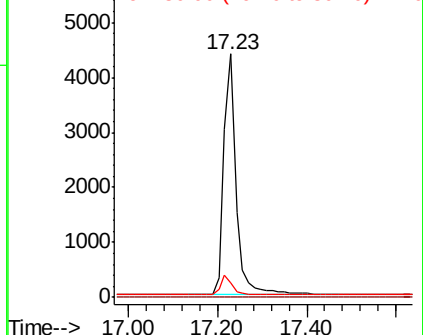
80 5.9 6.7 10.1#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.347 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

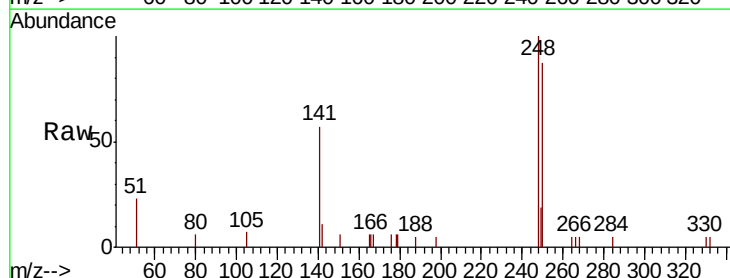
Tgt Ion:248 Resp: 1703

Ion Ratio Lower Upper

248 100

250 87.2 79.8 119.8

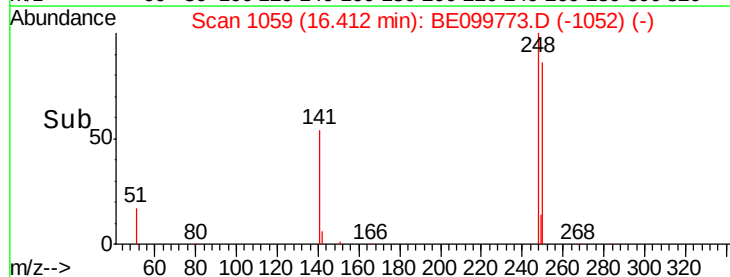
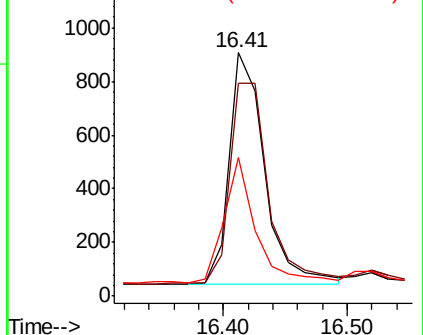
141 56.8 27.0 40.6#

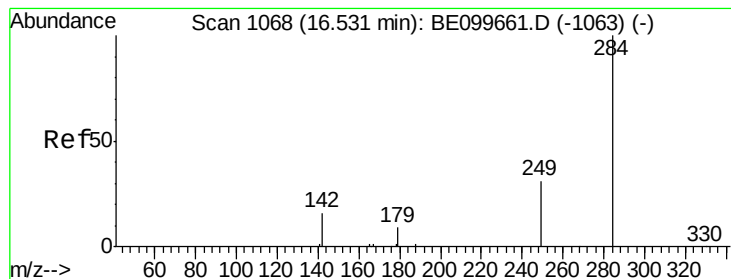


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.367 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

Instrument :

BNA_E

ClientSampleId :

PB120145BS

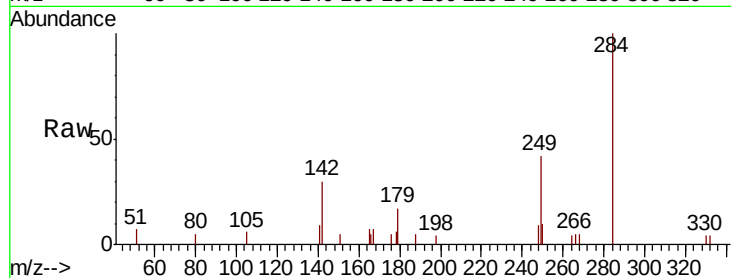
Tot Ion:284 Resp: 1844

Ion Ratio Lower Upper

284 100

142 22.7 17.8 26.6

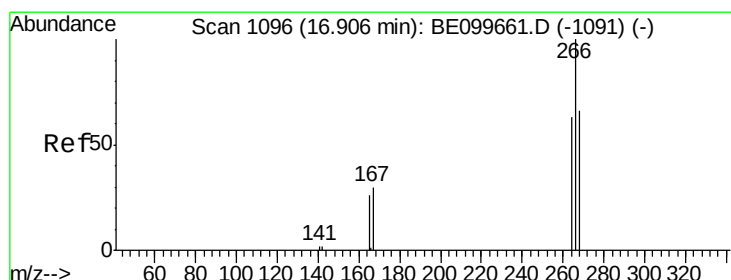
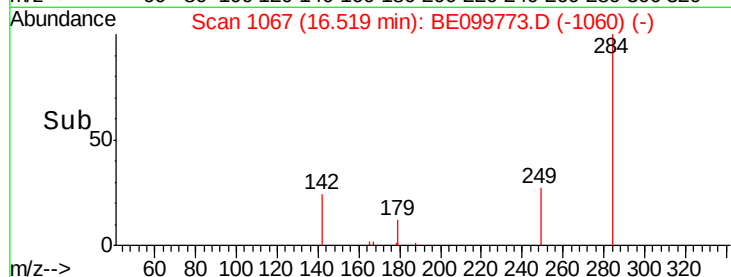
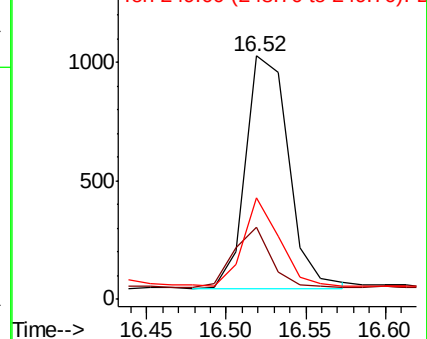
249 31.8 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.550 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

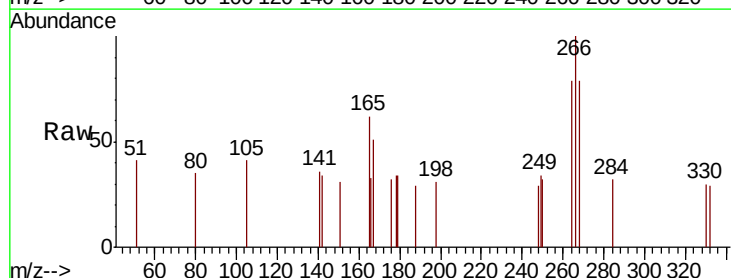
Tgt Ion:266 Resp: 582

Ion Ratio Lower Upper

266 100

264 78.7 57.2 85.8

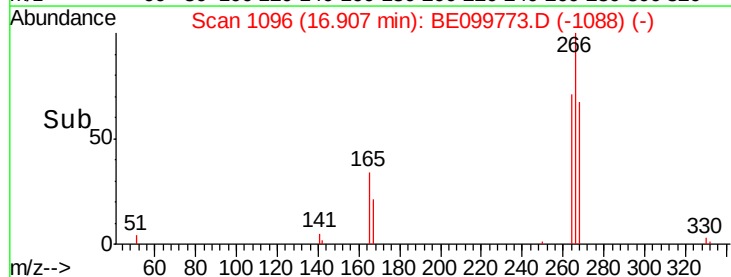
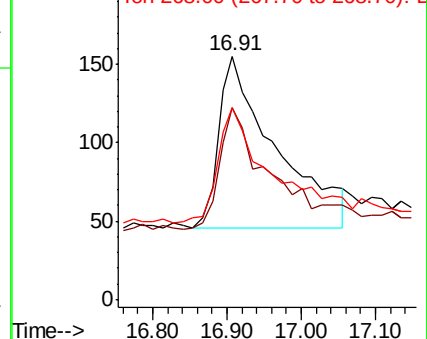
268 78.7 60.5 90.7

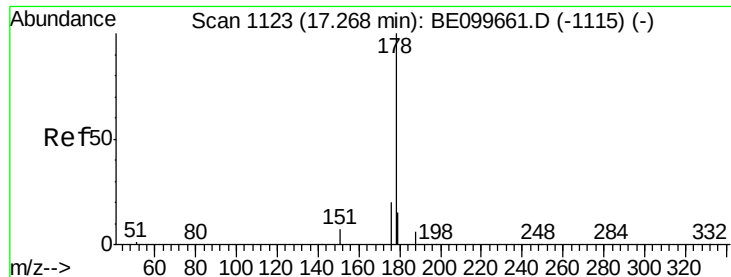


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.363 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

Instrument :

BNA_E

ClientSampleId :

PB120145BS

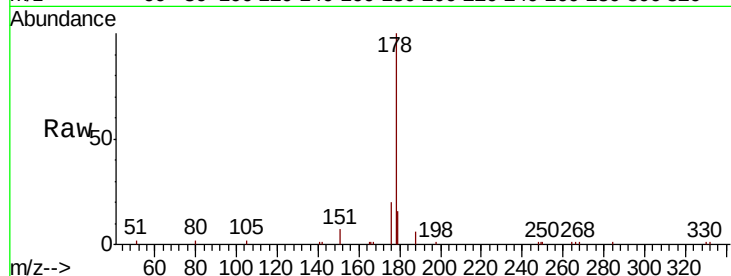
Tot Ion:178 Resp: 7552

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

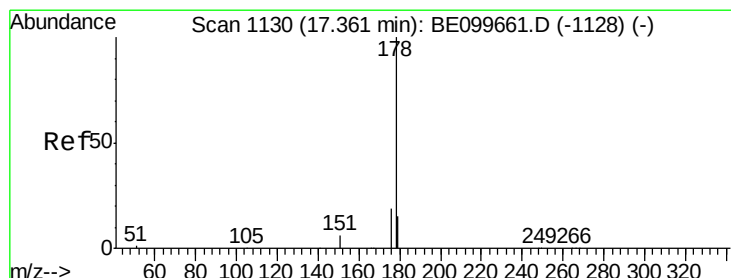
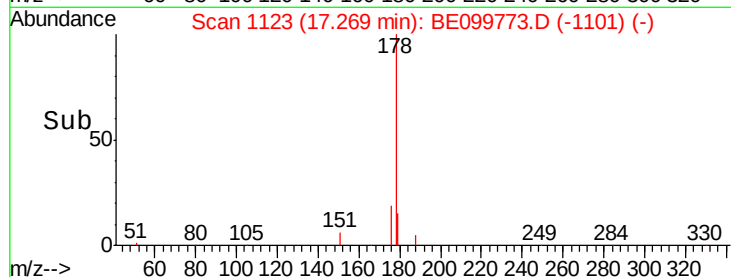
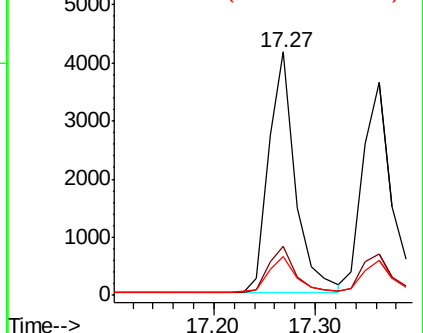
179 15.1 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.359 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

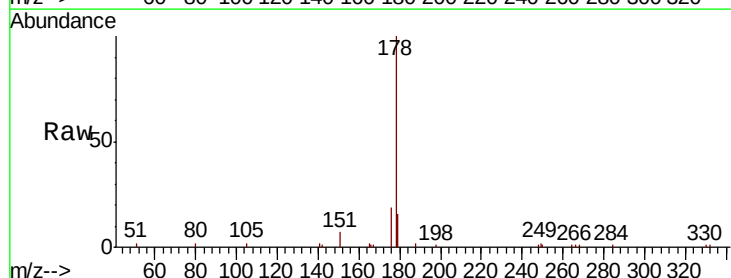
Tgt Ion:178 Resp: 6763

Ion Ratio Lower Upper

178 100

176 19.1 14.7 22.1

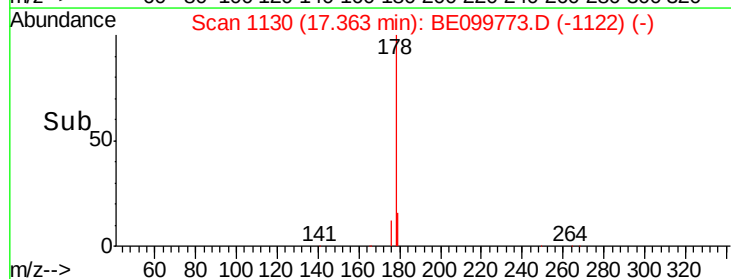
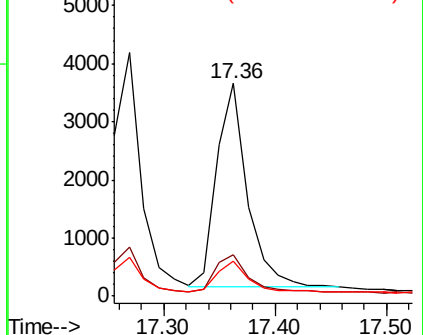
179 15.1 12.0 18.0

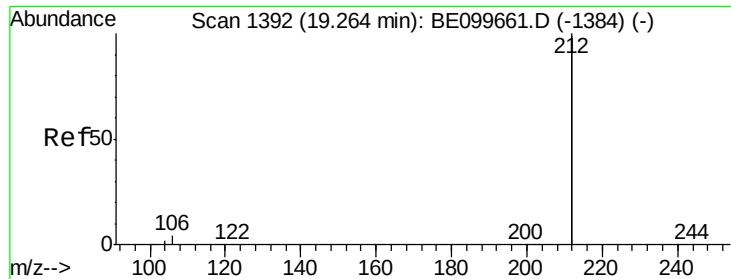


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.383 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

Instrument :

BNA_E

ClientSampleId :

PB120145BS

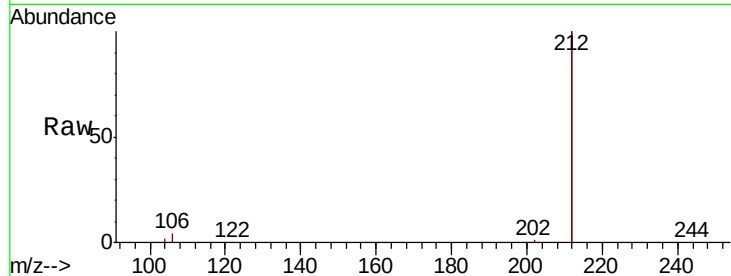
Tot Ion:212 Resp: 44491

Ion Ratio Lower Upper

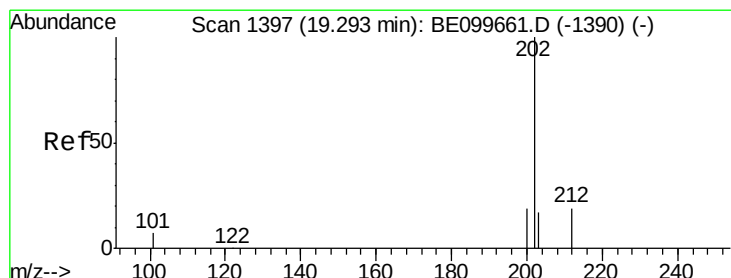
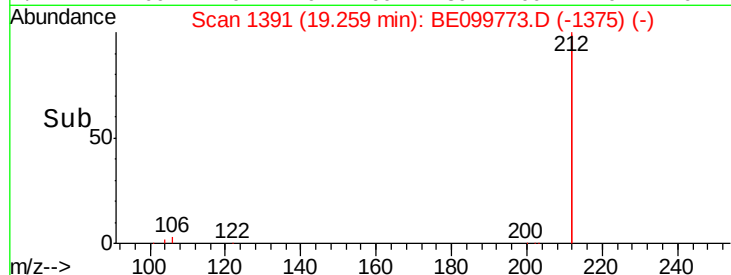
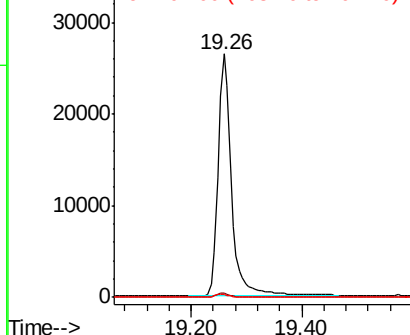
212 100

106 1.8 1.4 2.2

104 1.1 0.8 1.2



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.377 ng

RT: 19.29 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

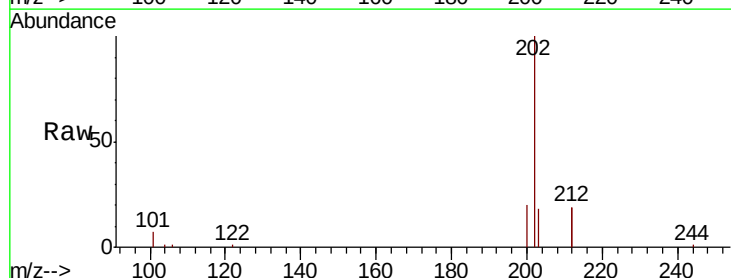
Tgt Ion:202 Resp: 12381

Ion Ratio Lower Upper

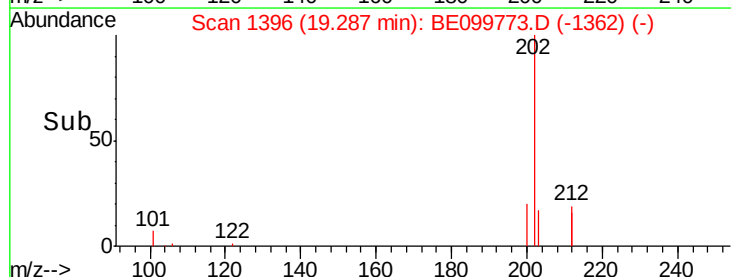
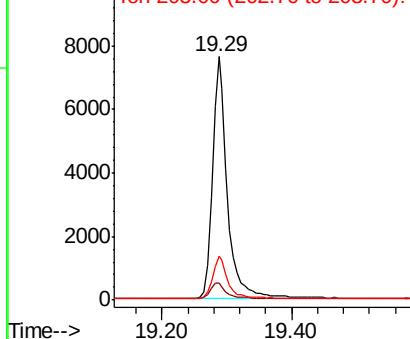
202 100

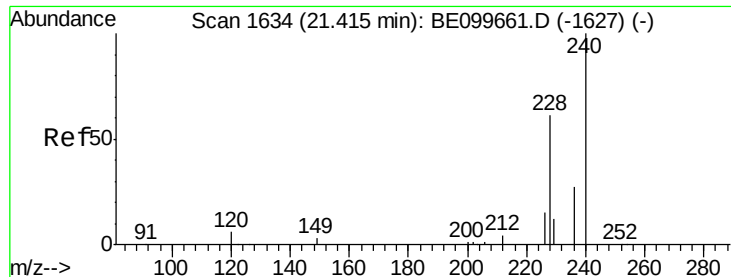
101 6.6 5.2 7.8

203 17.1 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

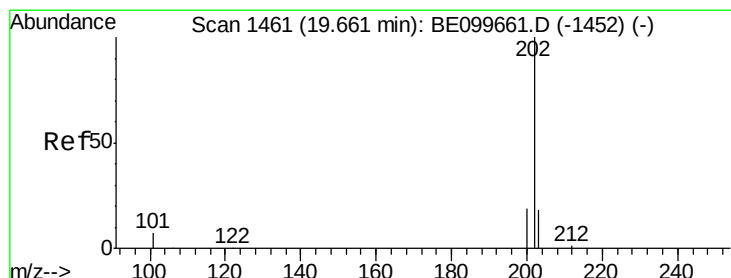
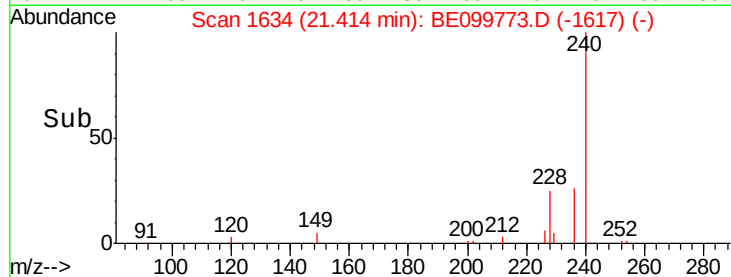
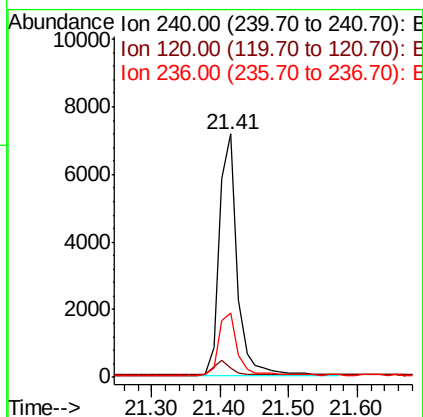
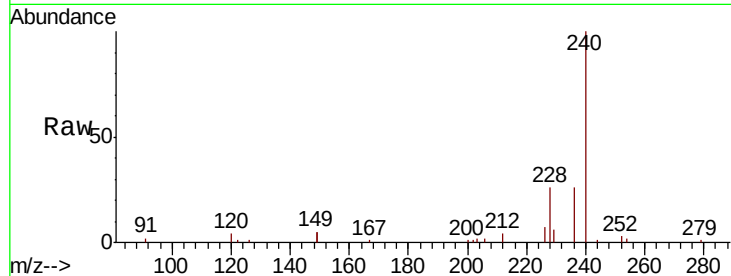




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BE099773.D
 Acq: 29 May 2019 13:09

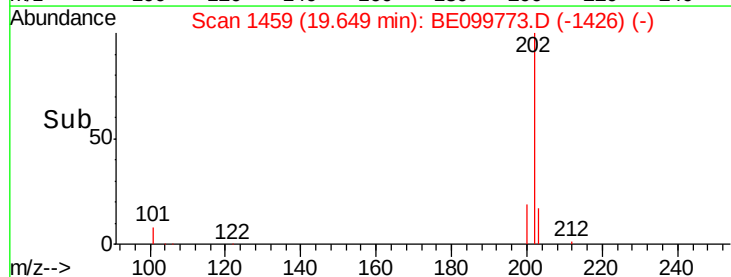
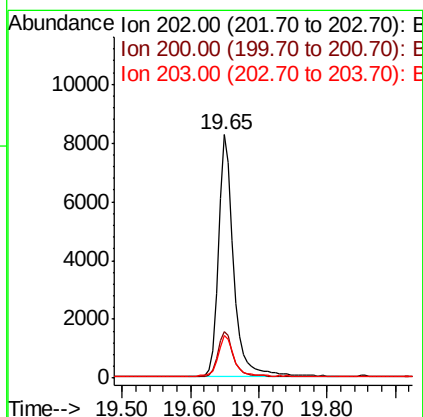
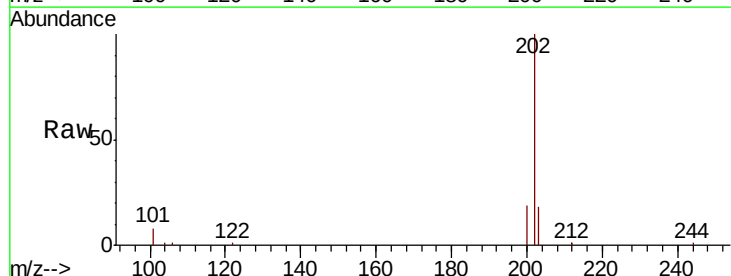
Instrument :
 BNA_E
 ClientSampleId :
 PB120145BS

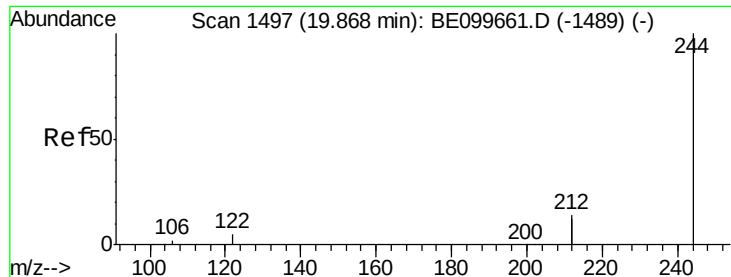
Tot Ion:240 Resp: 12892
 Ion Ratio Lower Upper
 240 100
 120 3.7 5.4 8.0#
 236 26.4 21.7 32.5



#28
 Pyrene
 Concen: 0.397 ng
 RT: 19.65 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BE099773.D
 Acq: 29 May 2019 13:09

Tgt Ion:202 Resp: 12856
 Ion Ratio Lower Upper
 202 100
 200 19.3 15.4 23.2
 203 17.9 13.8 20.8





#29

Terphenyl-d14

Concen: 0.411 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

Instrument :

BNA_E

ClientSampleId :

PB120145BS

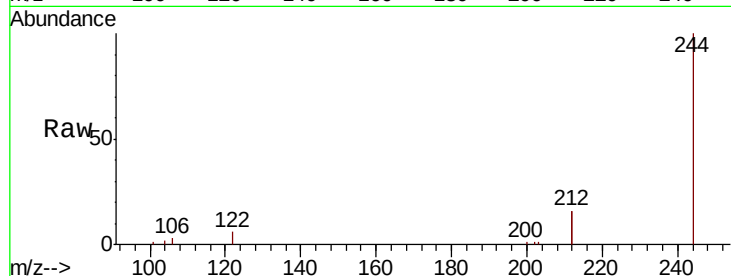
Tot Ion:244 Resp: 9458

Ion Ratio Lower Upper

244 100

212 31.4 22.5 33.7

122 6.3 4.3 6.5

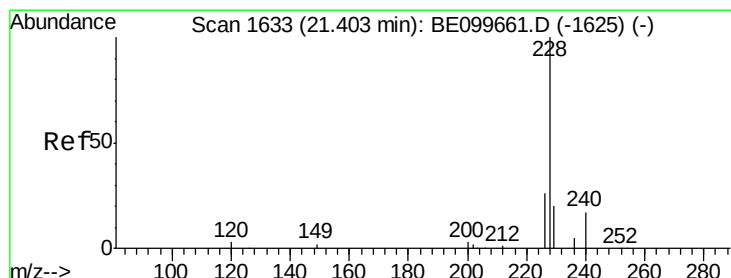
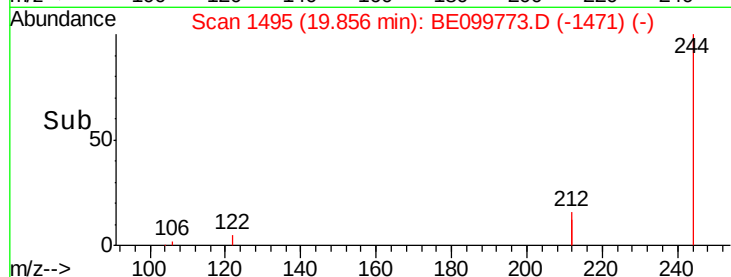
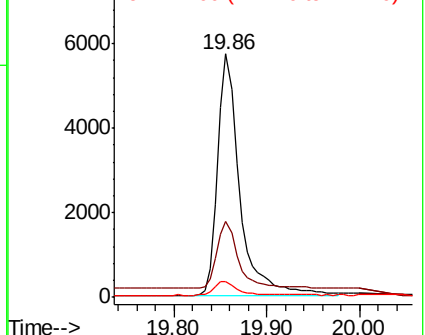


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.460 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

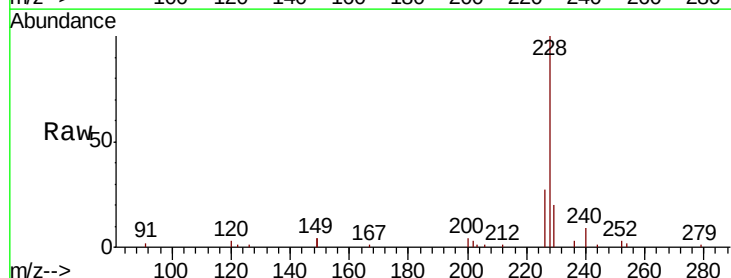
Tgt Ion:228 Resp: 16864

Ion Ratio Lower Upper

228 100

226 27.1 21.3 31.9

229 19.9 16.1 24.1

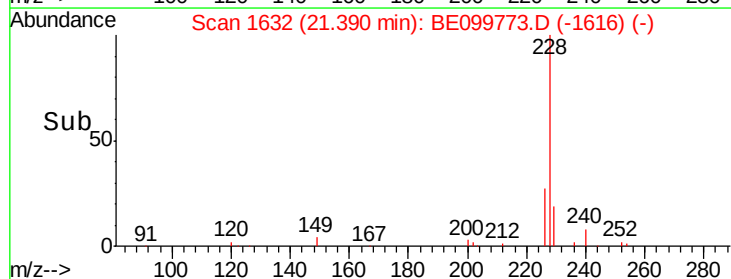
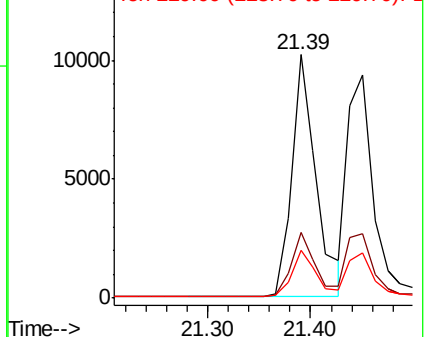


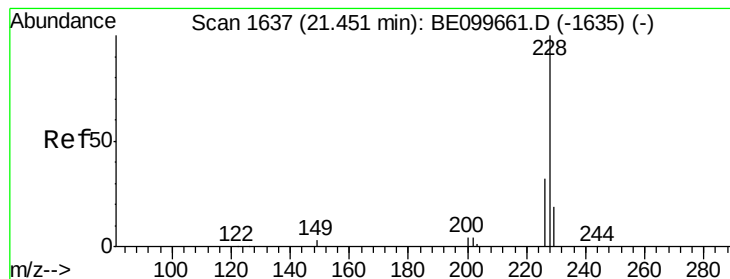
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.403 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

Instrument :

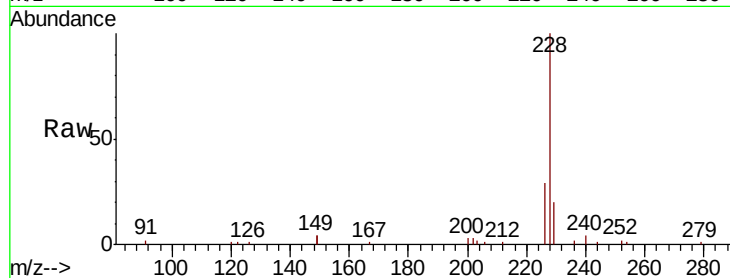
BNA_E

ClientSampleId :

PB120145BS

Tot Ion:228 Resp: 15790

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.7	37.1
229	20.4	15.8	23.6

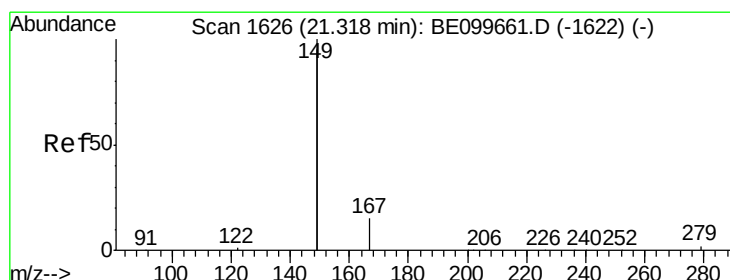
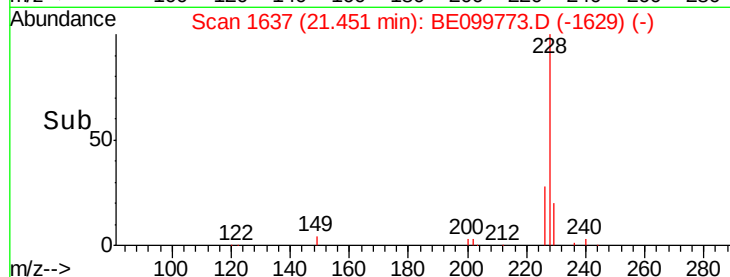
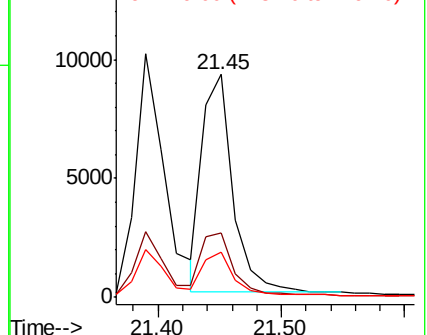


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.439 ng

RT: 21.31 min Scan# 1625

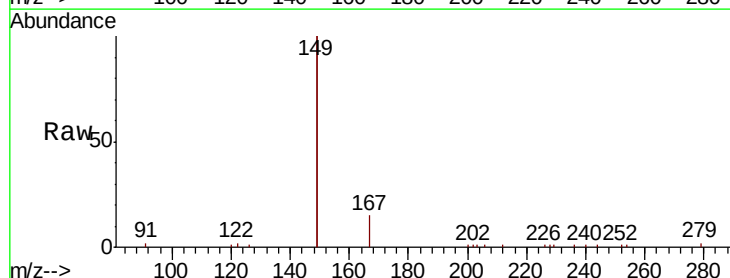
Delta R.T. -0.01 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

Tgt Ion:149 Resp: 18544

Ion	Ratio	Lower	Upper
149	100		
167	7.6	6.2	9.4
279	1.8	1.2	1.8#

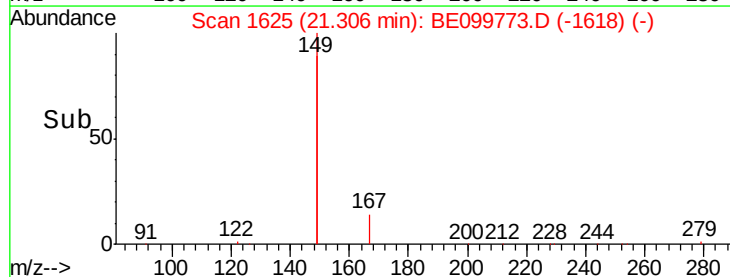
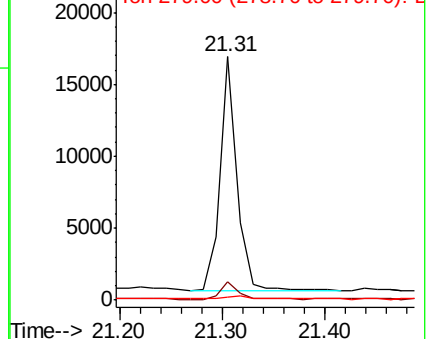


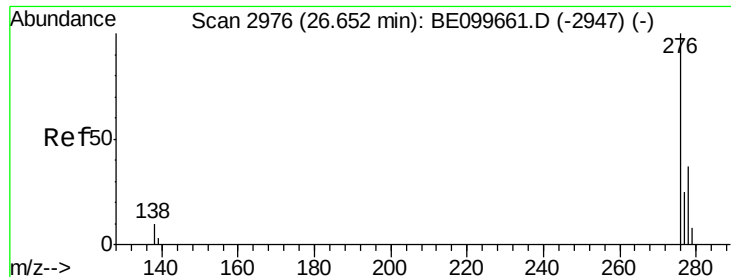
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.430 ng

RT: 26.63 min Scan# 2970

Delta R.T. -0.02 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

Instrument :

BNA_E

ClientSampleId :

PB120145BS

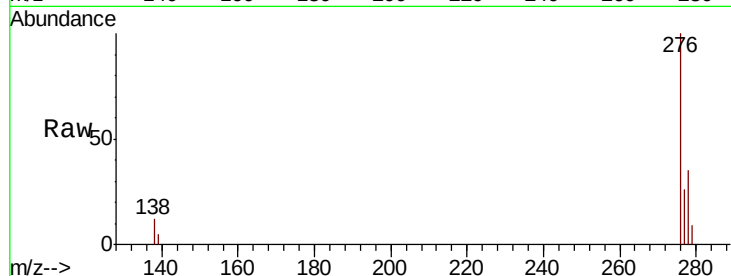
Tot Ion:276 Resp: 20323

Ion Ratio Lower Upper

276 100

138 5.4 9.6 14.4#

277 24.8 19.2 28.8

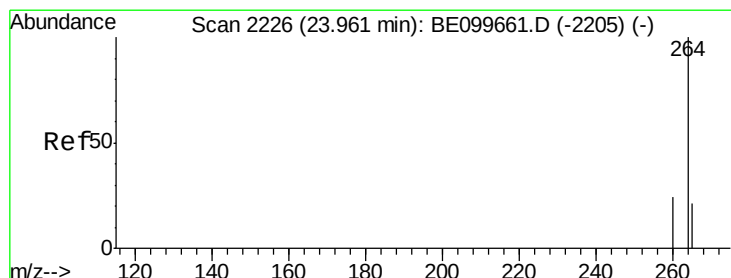
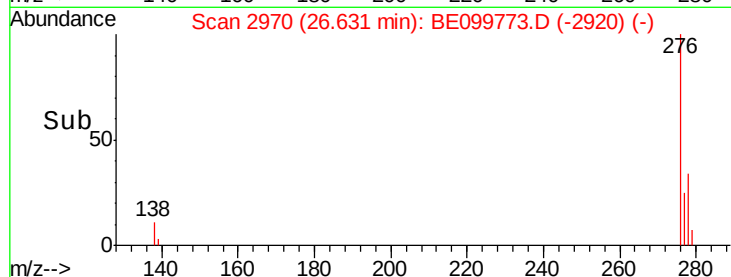
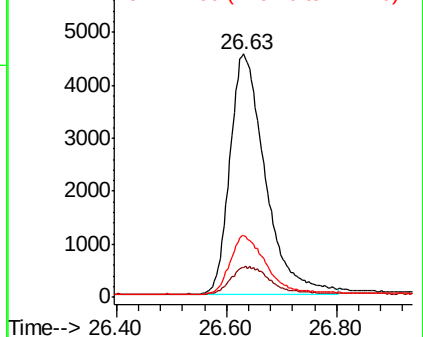


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.95 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

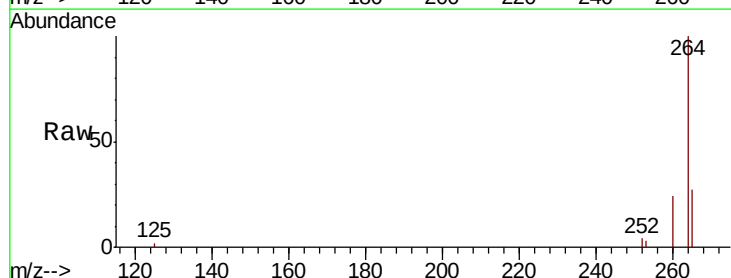
Tgt Ion:264 Resp: 15427

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

265 27.2 19.1 28.7

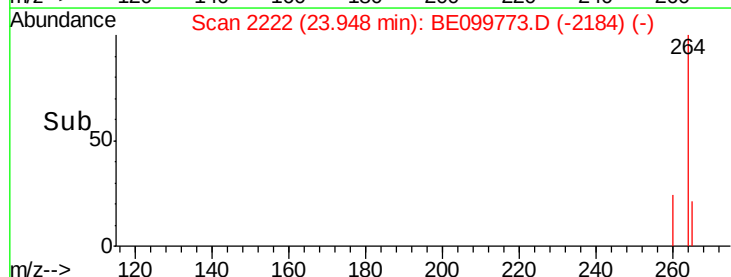
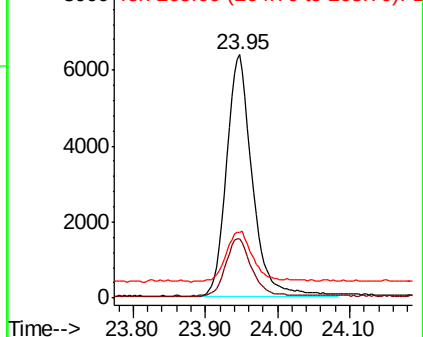


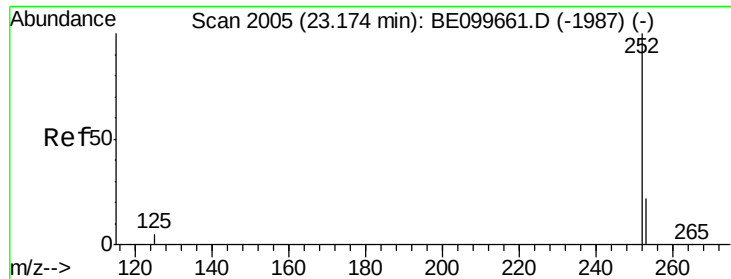
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

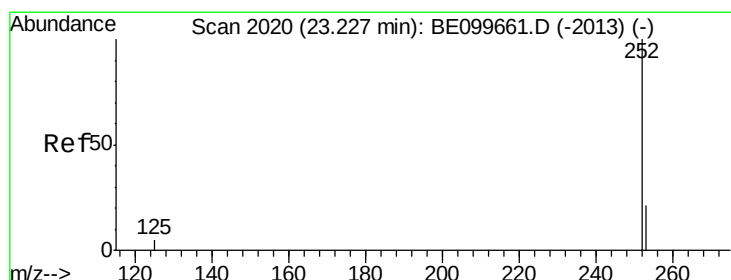
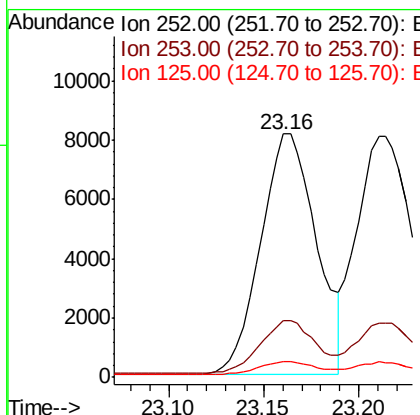
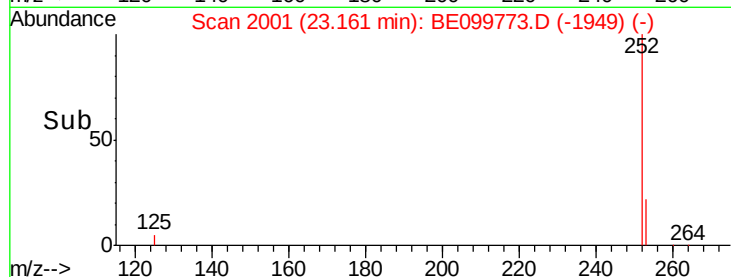
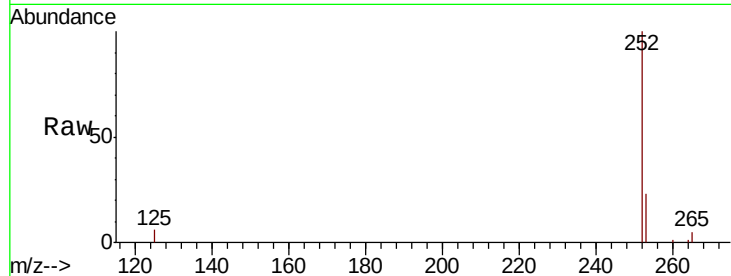




#35
Benzo(b)fluoranthene
Concen: 0.391 ng
RT: 23.16 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

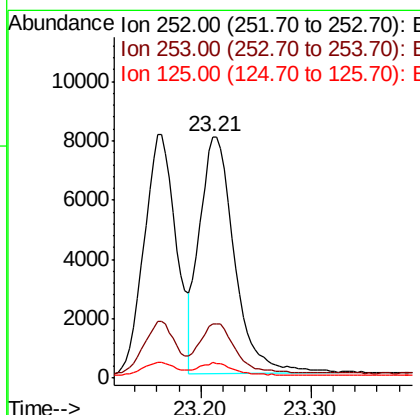
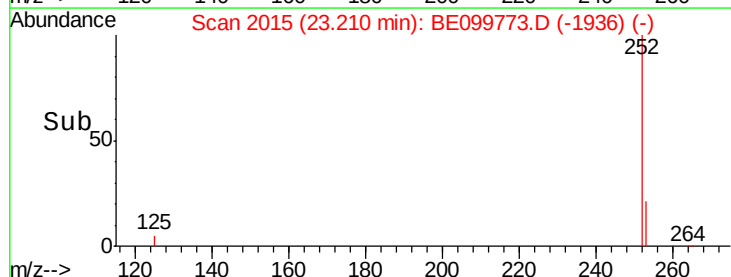
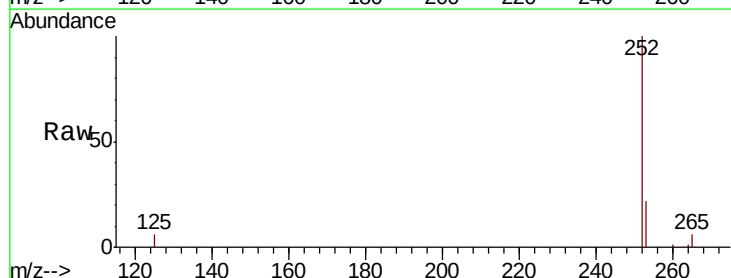
Instrument :
BNA_E
ClientSampleId :
PB120145BS

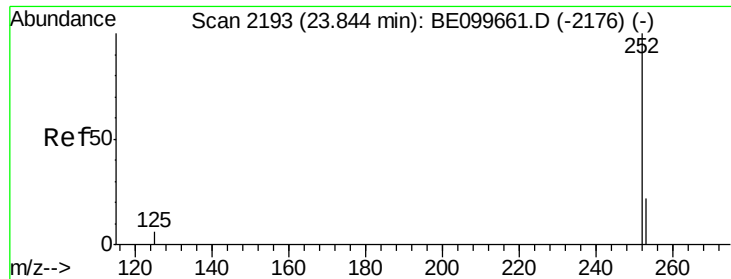
Tot Ion:252 Resp: 16517
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.4
125 6.3 4.5 6.7



#36
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 23.21 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

Tgt Ion:252 Resp: 17546
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 6.4 4.6 6.8





#37

Benzo(a)pyrene

Concen: 0.409 ng

RT: 23.83 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

Instrument :

BNA_E

ClientSampleId :

PB120145BS

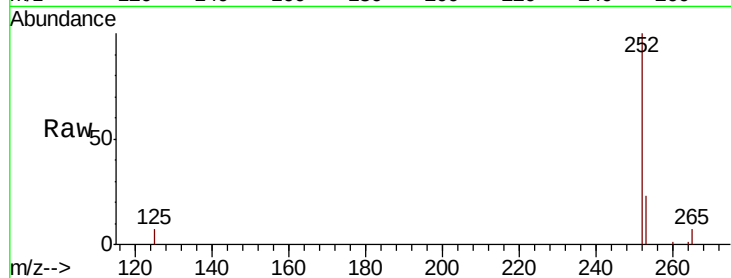
Tot Ion:252 Resp: 16622

Ion Ratio Lower Upper

252 100

253 23.4 18.9 28.3

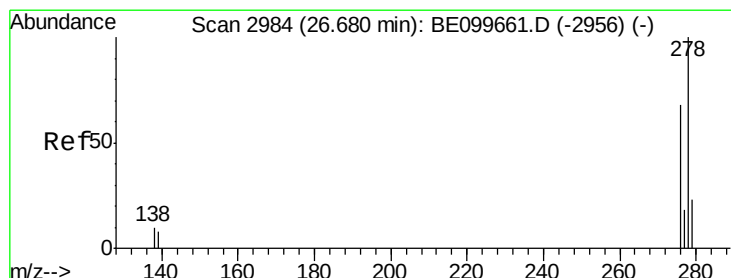
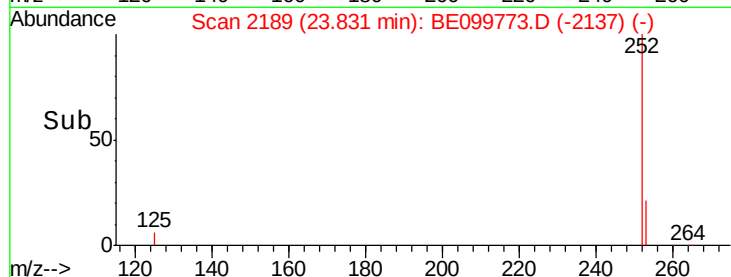
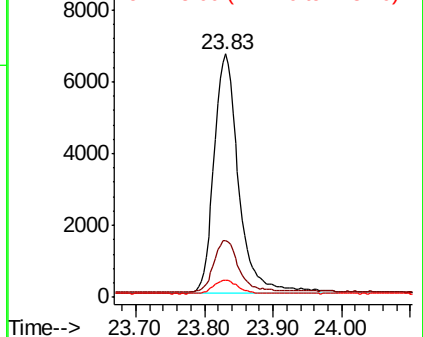
125 7.1 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.389 ng

RT: 26.66 min Scan# 2979

Delta R.T. -0.02 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

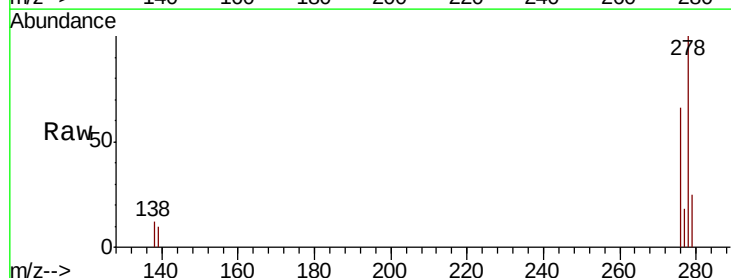
Tgt Ion:278 Resp: 16611

Ion Ratio Lower Upper

278 100

139 9.8 6.9 10.3

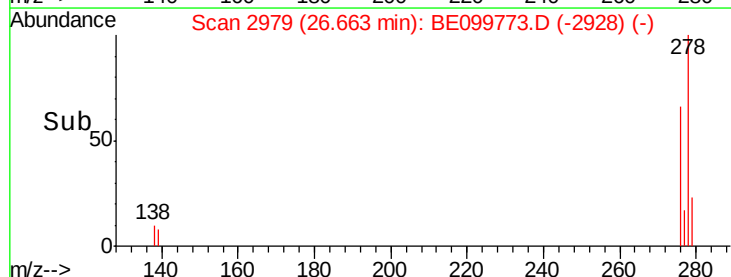
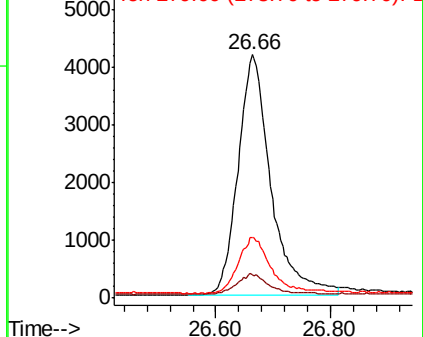
279 24.6 19.2 28.8

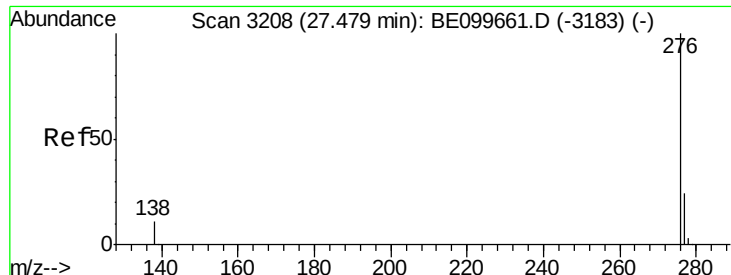


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.418 ng

RT: 27.46 min Scan# 3202

Delta R.T. -0.02 min

Lab File: BE099773.D

Acq: 29 May 2019 13:09

Instrument :

BNA_E

ClientSampleId :

PB120145BS

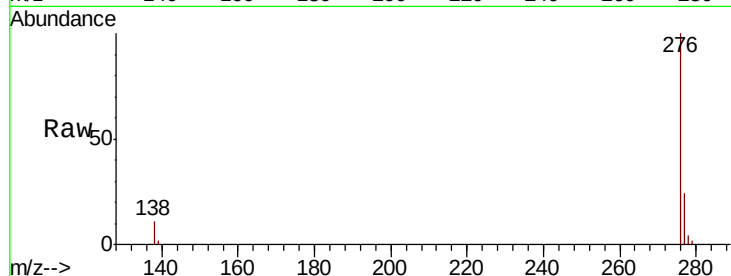
Tot Ion: 276 Resp: 18052

Ion Ratio Lower Upper

276 100

277 23.7 19.8 29.6

138 11.1 9.2 13.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

